

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	24	(US-20030153873-\$).did. or (US-3921631-\$ or US-4509944-\$ or US-3630198-\$ or US-3633579-\$ or US-5830188-\$ or US-6740277-\$ or US-4790817-\$ or US-5484422-\$ or US-3827434-\$ or US-4362156-\$ or US-5066285-\$ or US-4106506-\$ or US-5250036-\$ or US-4588398-\$ or US-3670727-\$ or US-5830190-\$ or US-4877037-\$ or US-4708137-\$ or US-5242410-\$ or US-5792122-\$ or US-4828549-\$).did. or (US-3720210-\$).did. or (US-4269186-\$).did.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/03/23 09:47
L5	2	I4 and oval	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 09:49
L6	2275	catheter and needle and oval	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 09:50
L7	638	catheter and needle and (oval same "cross section")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 09:50
L8	0	catheter and needle and (oval same "cross section") and "over the needle"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 09:51
L9	22	("3750667" "3783876" "3788119" "4191176" "4198973" "4411657" "4413993" "4565545" "4588398" "4808156" "4808170" "4842585" "4917670" "4994036" "5009643" "5100390" "5261891" "5484417").PN. OR ("5688246"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 10:07
L10	3	("5447503" "5620417" "5743875").PN. OR ("6179825"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 10:46

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L11	139	("3991750" "3995617" "4307722" "4503569" "4546499" "4562597" "4580568" "4582181" "4641653" "4649922" "4655771" "4658817" "4665918" "4681110" "4718425" "4733665" "4768507" "4774949" "4785815" "4813925" "4852580" "4861330" "4889137" "4904264" "4917666" "4920980" "4950227" "4995857" "4997431" "5040543" "5042486" "5047028" "5049138" "5056517" "5087243" "5098374" "5114414" "5158548" "5167614" "5172699" "5176626" "5190058" "5256146" "5266073" "5287861" "5290295" "5312456" "5324325" "5366493" "5372600" "5380316" "5386828" "5389096" "5391199" "5409004" "5409019" "5423885" "5425757" "5429144" "5441516" "5452733" "5453090" "5458615" "5464404" "5464650" "5466242" "5476505" "5480422" "5487739" "5514176" "5551427" "5551954" "5558091" "5562619" "5569272" "5571168" "5593412" "5593434" "5602301" "5614206" "5643308" "5653756" "5655548" "5662124" "5676850" "5690643" "5735897" "5741330" "5755682" "5756127" "5769843" "5782823" "5785702" "5792453" "5797870" "5807384" "5810836" "5817101" "5824049" "5824071" "5827304" "5830502" "5833608" "5840059" "5861032" "5879383" "5899915" "5968052" "5971993" "5980514" "5980548" "6045565" "6051001").PN. OR ("6248112"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 10:49
L12	8	l11 and oval	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 11:48
L13	210	("over the needle cathter" or "over-the-needle catheter")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 11:50

EAST Search History

L14	34	L13 and (oval or elliptical or ellipse or "non-circular" or noncircular)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 11:50
L15	36	(US-20030153873-\$ or US-20010023346-\$).did. or (US-3921631-\$ or US-4509944-\$ or US-3630198-\$ or US-3633579-\$ or US-5830188-\$ or US-6740277-\$ or US-4790817-\$ or US-5484422-\$ or US-3827434-\$ or US-4362156-\$ or US-5066285-\$ or US-4106506-\$ or US-5250036-\$ or US-4588398-\$ or US-3670727-\$ or US-5830190-\$ or US-4877037-\$ or US-4708137-\$ or US-5242410-\$ or US-5792122-\$ or US-4828549-\$ or US-4417887-\$ or US-4808157-\$ or US-5599311-\$ or US-5624413-\$ or US-5688246-\$).did. or (US-5792152-\$ or US-5885217-\$ or US-6179825-\$ or US-6248112-\$ or US-5514100-\$ or US-5685862-\$).did. or (US-3720210-\$).did. or (US-4269186-\$).did.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/03/23 12:24
L16	16	I15 and (tab or ridge or spline or rib)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 12:33
L17	8	I15 and (flash)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 12:35
L18	1524	catheter and (needle same (notch or groove))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 12:36
L19	161	catheter and (needle same (notch or groove)) and flash	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 12:37
L20	38	catheter and (needle same (notch or groove) same flash)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 12:38
L21	48	"3,030,953"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 12:48

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L22	64	"3,030,953"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 12:48
L23	37	(US-20030153873-\$ or US-20010023346-\$).did. or (US-3921631-\$ or US-4509944-\$ or US-3630198-\$ or US-3633579-\$ or US-5830188-\$ or US-6740277-\$ or US-4790817-\$ or US-5484422-\$ or US-3827434-\$ or US-4362156-\$ or US-5066285-\$ or US-4106506-\$ or US-5250036-\$ or US-4588398-\$ or US-3670727-\$ or US-5830190-\$ or US-4877037-\$ or US-4708137-\$ or US-5242410-\$ or US-5792122-\$ or US-4828549-\$ or US-4417887-\$ or US-4808157-\$ or US-5599311-\$ or US-5624413-\$ or US-5688246-\$). did. or (US-5792152-\$ or US-5885217-\$ or US-6179825-\$ or US-6248112-\$ or US-5514100-\$ or US-5685862-\$ or US-4894052-\$). did. or (US-3720210-\$).did. or (US-4269186-\$).did.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/03/23 12:57
L24	23	l23 and (angle or degree)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 12:58
L25	0	"shoulder is disposed at an angle of about 90 degrees"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 12:58
L26	19	("4588398" "4661300" "5120317" "5531701" "5533988" "5589120" "5593718" "5683370" "5736085" "5792401" "5843356" "5919164" "5971954" "6012213" "6013190" "6030371" "6045734" "6187130" "6280788").PN. OR ("6740277"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 13:00
L27	8	l26 and degree	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 13:01
L28	197	(shoulder and degree and angle and tube).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 13:08

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L29	7	(shoulder and degree and angle and tube and catheter and axis).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 13:02
L30	0	("2003/0204169").URPN.	USPAT	OR	ON	2006/03/23 13:07
L31	604	(shoulder same (degree or angle)) and catheter	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 13:10
L32	87	(shoulder near5 (degree or angle)) and catheter	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 13:14
L33	6	(shoulder near5 ("45" and (degree or angle))) and catheter	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 13:14
L34	38	(US-20030153873-\$ or US-20010023346-\$ or US-20030204169-\$).did. or (US-3921631-\$ or US-4509944-\$ or US-3630198-\$ or US-3633579-\$ or US-5830188-\$ or US-6740277-\$ or US-4790817-\$ or US-5484422-\$ or US-3827434-\$ or US-4362156-\$ or US-5066285-\$ or US-4106506-\$ or US-5250036-\$ or US-4588398-\$ or US-3670727-\$ or US-5830190-\$ or US-4877037-\$ or US-4708137-\$ or US-5242410-\$ or US-5792122-\$ or US-4828549-\$ or US-4417887-\$ or US-4808157-\$ or US-5599311-\$ or US-5624413-\$ or US-5688246-\$). did. or (US-5792152-\$ or US-5885217-\$ or US-6179825-\$ or US-6248112-\$ or US-5514100-\$ or US-5685862-\$ or US-4894052-\$). did. or (US-3720210-\$).did. or (US-4269186-\$).did.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/03/23 13:20
L35	8	I34 and ridge	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:20
L36	2	I34 and (ridge same shoulder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:20
L37	70	catheter and (ridge near4 shoulder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:37

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L38	81	("over the needle cathter" or "over-the-needle catheter") and shoulder	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:31
L39	12	("over the needle cathter" or "over-the-needle catheter") and (shoulder same (projection or ridge or groove))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:38
L40	47	catheter and (thread near4 shoulder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:37
L41	1	("over the needle cathter" or "over-the-needle catheter") and (shoulder same (thread))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:38
S1	4	"6740277"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/16 17:22
S2	19	("4588398" "4661300" "5120317" "5531701" "5533988" "5589120" "5593718" "5683370" "5736085" "5792401" "5843356" "5919164" "5971954" "6012213" "6013190" "6030371" "6045734" "6187130" "6280788").PN. OR ("6740277"). URP.N.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/16 17:23
S3	499	(604/164.01).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/16 17:45
S4	1175	(604/198).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/17 10:05
S5	1334	(604/263).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/17 10:07
S6	10578	(tube or catheter) and needle and shoulder	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:07

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S7	3098	((tube or catheter) same shoulder) and needle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/17 11:41
S8	209	("over the needle cathter" or "over-the-needle catheter")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:30
S9	63	(needle same discontinuity) and catheter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/17 12:37